

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031881.D
 Acq On : 17 Jul 2025 11:29
 Operator : SY/MD
 Sample : VW0717SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/18/2025

Quant Time: Jul 18 02:49:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.965	168	222559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	420008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	373840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	182845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	157362	49.268	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	98.540%		
35) Dibromofluoromethane	7.898	113	122573	44.723	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	89.440%		
50) Toluene-d8	10.324	98	466527	45.741	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	91.480%		
62) 4-Bromofluorobenzene	12.617	95	179807	47.905	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	95.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.045	85	32968	21.751	ug/l	96
3) Chloromethane	2.259	50	40755	22.303	ug/l	97
4) Vinyl Chloride	2.405	62	53093	22.105	ug/l	94
5) Bromomethane	2.826	94	38732	20.646	ug/l	96
6) Chloroethane	2.972	64	33272	20.394	ug/l	98
7) Trichlorofluoromethane	3.301	101	43977	20.161	ug/l	95
8) Diethyl Ether	3.716	74	36479	22.009	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	49753	20.550	ug/l	99
10) Methyl Iodide	4.313	142	72736	19.488	ug/l	99
11) Tert butyl alcohol	5.222	59	22319	112.793	ug/l	100
12) 1,1-Dichloroethene	4.082	96	56009	21.120	ug/l	94
13) Acrolein	3.935	56	39816	111.953	ug/l	95
14) Allyl chloride	4.703	41	84072	20.662	ug/l	95
15) Acrylonitrile	5.405	53	91898	112.748	ug/l	99
16) Acetone	4.161	43	70258	88.996	ug/l	95
17) Carbon Disulfide	4.423	76	140184	19.754	ug/l	97
18) Methyl Acetate	4.710	43	39039	17.303	ug/l	98
19) Methyl tert-butyl Ether	5.459	73	102287	22.725	ug/l	96
20) Methylene Chloride	4.953	84	68676	18.777	ug/l	96
21) trans-1,2-Dichloroethene	5.453	96	60067	21.317	ug/l	97
22) Diisopropyl ether	6.337	45	181411	22.861	ug/l	96
23) Vinyl Acetate	6.282	43	660423	121.842	ug/l	99
24) 1,1-Dichloroethane	6.246	63	110121	21.404	ug/l	98
25) 2-Butanone	7.191	43	120646	117.468	ug/l	97
26) 2,2-Dichloropropane	7.185	77	53142	17.704	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	70760	21.846	ug/l	99
28) Bromochloromethane	7.532	49	49189	21.666	ug/l	99
29) Tetrahydrofuran	7.550	42	82858	117.804	ug/l	99
30) Chloroform	7.691	83	117581	21.508	ug/l	95
31) Cyclohexane	7.965	56	99519	21.883	ug/l	92
32) 1,1,1-Trichloroethane	7.886	97	85400	20.271	ug/l	99
36) 1,1-Dichloropropene	8.093	75	82047	20.688	ug/l	99
37) Ethyl Acetate	7.270	43	57019	22.791	ug/l	99
38) Carbon Tetrachloride	8.081	117	80047	19.807	ug/l	96
39) Methylcyclohexane	9.343	83	105893	21.460	ug/l	98
40) Benzene	8.337	78	250061	21.311	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	29291	21.855	ug/l	95
42) 1,2-Dichloroethane	8.410	62	85955	21.680	ug/l	99
43) Isopropyl Acetate	8.434	43	97861	22.692	ug/l	99
44) Trichloroethene	9.099	130	58062	19.826	ug/l	95
45) 1,2-Dichloropropane	9.373	63	60967	21.498	ug/l	96
46) Dibromomethane	9.465	93	39017	21.311	ug/l	98
47) Bromodichloromethane	9.648	83	90870	21.165	ug/l	98
48) Methyl methacrylate	9.446	41	45209	21.320	ug/l	97
49) 1,4-Dioxane	9.465	88	10700	498.992	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	279293	112.647	ug/l	99
52) Toluene	10.391	92	159668	21.253	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	85781	21.295	ug/l	98
54) cis-1,3-Dichloropropene	10.074	75	96489	21.129	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	52073	21.713	ug/l	93
56) Ethyl methacrylate	10.647	69	77726	23.889	ug/l	97
57) 1,3-Dichloropropane	10.934	76	92493	21.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	189810	105.943	ug/l	96
59) 2-Hexanone	10.971	43	197302	117.434	ug/l	100
60) Dibromochloromethane	11.129	129	59458	20.732	ug/l	97
61) 1,2-Dibromoethane	11.233	107	50619	21.083	ug/l	99
64) Tetrachloroethene	10.867	164	47259	19.326	ug/l	96
65) Chlorobenzene	11.660	112	175095	21.228	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.727	131	54528	20.745	ug/l	99
67) Ethyl Benzene	11.733	91	305558	21.364	ug/l	96
68) m/p-Xylenes	11.836	106	231317	42.072	ug/l	100
69) o-Xylene	12.166	106	111906	21.982	ug/l	97
70) Styrene	12.178	104	195000	22.157	ug/l	99
71) Bromoform	12.348	173	31181	19.886	ug/l #	99
73) Isopropylbenzene	12.464	105	284838	20.480	ug/l	99
74) N-amyl acetate	12.269	43	89878	23.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	66855	21.652	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	50826m	21.510	ug/l	
77) Bromobenzene	12.745	156	63936	20.611	ug/l	94
78) n-propylbenzene	12.800	91	348861	20.947	ug/l	97
79) 2-Chlorotoluene	12.891	91	212204	21.159	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	246326	21.396	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	20189	19.901	ug/l	95
82) 4-Chlorotoluene	12.989	91	222679	21.148	ug/l	97
83) tert-Butylbenzene	13.202	119	203284	20.614	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	242982	20.831	ug/l	99
85) sec-Butylbenzene	13.379	105	297175	20.077	ug/l	98
86) p-Isopropyltoluene	13.488	119	248936	20.407	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	125807	20.223	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	130840	20.549	ug/l	95
89) n-Butylbenzene	13.818	91	250668	21.149	ug/l	98
90) Hexachloroethane	14.086	117	42085	19.123	ug/l	93
91) 1,2-Dichlorobenzene	13.866	146	117167	20.607	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	12581	20.867	ug/l	95
93) 1,2,4-Trichlorobenzene	15.122	180	69130	19.714	ug/l	98
94) Hexachlorobutadiene	15.226	225	29216	17.254	ug/l	94
95) Naphthalene	15.360	128	195008	22.684	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	64414	19.992	ug/l	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

